

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A solid oxide fuel cell having a supported electrolyte film comprising:

an electrolyte film comprised of a first solid electrolyte exhibiting oxide ion conductivity;

a fuel electrode acting as a substrate which is bonded to a surface of the electrolyte film, and

an air electrode which is bonded to the other surface of the electrolyte film forming in total an electrolyte-electrode assembly,

wherein the fuel electrode acting as a substrate comprises a cermet of a first catalyst and a second solid electrolyte which shows oxide ion conductivity and has a bending strength of 500 MPa or more, and

the fuel electrode acting as a substrate has a thickness greater than a thickness of the electrolyte film, said fuel electrode thickness being 0.3 mm or more.

2. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 1, wherein the second solid electrolyte is comprised of yttria-stabilized zirconia containing 2 to 4 mol% yttria ( $Y_2O_3$ ).

3. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 2, wherein the first solid electrolyte is comprised of scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $Sc_2O_3$ ).

4. (Currently Amended) A solid oxide fuel cell having a supported electrolyte film according to claim 3, wherein an interlayer cermet film comprising a second catalyst and a third electrolyte which shows oxide ion conductivity exceeding 0.1 S/cm at 800 °C is ~~interpreted~~ interposed between the electrolyte film and the fuel electrode substrate.

5. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 4, wherein the third solid electrolyte is comprised of Scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

6. (Currently Amended) A solid oxide fuel cell having a supported electrolyte film according to claim 2, wherein an interlayer cermet film comprising a second catalyst and a third electrolyte which shows oxide ion conductivity exceeding 0.1 S/cm at 800 °C ~~is~~ is interposed between the electrolyte film and the fuel electrode substrate.

7. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 6, wherein the third solid electrolyte is comprised of scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

8. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 1, wherein the second solid electrolyte is comprised of scandia-stabilized zirconia containing 3 to 6 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

9. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 8, wherein the first solid electrolyte is comprised of scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

10. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 9, wherein an interlayer cermet film comprising a second catalyst and

a third electrolyte which shows oxide ion conductivity exceeding 0.1 S/cm at 800 °C is interposed between the electrolyte film and the fuel electrode substrate.

11. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 10, wherein the third solid electrolyte is comprised of scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

12. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 8, wherein an interlayer cermet film comprising a second catalyst and a third electrolyte which shows oxide ion conductivity exceeding 0.1 S/cm at 800 °C is interposed between the electrolyte film and the fuel electrode substrate.

13. (Original) A solid oxide fuel cell having a supported electrolyte film according to claim 12, wherein the third solid electrolyte is comprised of scandia-stabilized zirconia containing 9 to 12 mol% scandia ( $\text{Sc}_2\text{O}_3$ ).

14-18. (Cancelled).